

In the Claims:

Please cancel claims 6-10, without prejudice, amend claims 1-4 and 11-12, and add new claims 13-16 as follows:

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1. (Currently Amended) A ~~non-optical~~-magnetic memory disc medium comprising:

a substrate on which a groove and a land are concentrically formed;

a magnetic film laminated on said substrate; and

a non-magnetic film deposited on said magnetic film ~~on~~ and filling said groove to a position higher than the land of the substrate;

wherein a level difference between an upper surface of the magnetic film on the land and an upper surface of the non-magnetic film filling the groove is 5 nm or less.

2. (Currently Amended) A ~~non-optical~~-magnetic memory disc medium according to claim 1, wherein said non-magnetic film on the groove is deposited up to a height substantially equal to said magnetic film on the land.

3. (Currently Amended) A ~~non-optical~~-magnetic memory disc medium according to claim 1, wherein said non-magnetic film is formed of a material having a melting point which is lower than that of the ~~another~~ material forming said magnetic film.

4. (Currently Amended) A ~~non-optical~~-magnetic memory disc medium according to claim 3, wherein said non-magnetic film includes at least Te.

5-10. (Cancelled)

11. (Currently Amended) A ~~non-optical~~-magnetic disc apparatus comprising:

a ~~non-optical~~-magnetic disc including a substrate on which a groove and a land are concentrically formed, a magnetic film laminated on said substrate and a non-magnetic film deposited up to a height higher than the land of said substrate on said magnetic film and filling said groove such that a level difference between an upper surface of the magnetic film on the land and an upper surface of the non-magnetic film filling the groove is 5 nm or less;

a spindle motor for rotating said magnetic disc;

a head for writing or reading data to or from said magnetic disc; and

an actuator for moving said head in a radius direction of said magnetic disc.

12. (Currently Amended) A ~~non-optical~~-magnetic disc apparatus according to claim 11, wherein said non-magnetic film on the groove of said magnetic disc is deposited up to a height substantially equal to said magnetic film on the land.

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13. (New) A magnetic memory disc medium comprising:

a substrate on which a groove and a land are formed;

a magnetic film laminated on said substrate; and

a non-magnetic film deposited on said magnetic film on said groove up to a position higher than the land of the substrate;

wherein said non-magnetic film includes at least Te.

14. (New) A magnetic memory disc medium according to claim 13,

wherein said non-magnetic film on the groove is deposited up to a height substantially equal to said magnetic film on the land.

15. (New) A magnetic memory disc medium according to claim 13,

wherein said non-magnetic film is formed of a material having a melting point which is lower than that of the material forming said magnetic film.

16. (New) A magnetic memory disc medium according to claim 13,

wherein a level difference between an upper surface of the magnetic film on the land and an upper surface of the non-magnetic film filling the groove is 5 nm or less.